



## Lab's directorate teams for high-energy laser research

*by Barbara Baca, Directed Energy Directorate*

KIRTLAND AFB, N.M. — A \$17,350,000 contract was awarded to Metatech Corporation's Albuquerque office by the Air Force Research Laboratory's Directed Energy Directorate.

Under the contract, Metatech and the Air Force Research Laboratory will evaluate directed energy threat environments, target interactions, and their effects on aerospace weapons systems and components. In order for this to happen, the analysis must be based on known physical laws, detailed engineering models, and prototypical experiments. The emphasis in this contract will be on high-energy laser. This will include ground-based laser technology, airborne laser,

and space-based laser.

This target effect's assessment contract is being lead by the Directed Energy Directorate's Systems Assessment Branch. Their main objective is to use existing codes and supportive databases to determine the vulnerability's of aerospace systems, their subsystems, and the effects of real and potential directed energy weapons on these systems.

Metatech Corp., a small business headquartered in Goleta, Calif., and their subcontractor team, Ball Aerospace, ITT Systems & Sciences, SAIC, and Stellar Science and SVS, will provide scientific and engineering services to the government for this effort. @